IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignee : University of Utah Research Foundation.

Applicant : Weol Dong Cho, et al.

Application No. : 10/568,845

Filed: February 17, 2006

Title : METHODS AND SYSTEMS FOR REMOVING

COPPER FROM FERROUS SCRAP

Confirmation No.: 4959

Customer No. : 22913

CERTIFICATE UNDER 37 CFR 3.73(b)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Assignee, University of Utah Research Foundation, a non-profit organization having a principal place of business at 615 Arapeen Drive, Suite 310, Salt Lake City, Utah, in accordance with 37 CFR 3.73(b), certifies that it is the assignee of the entire right, title and interest in United States Patent Application No. 10/568,845, which was filed on February 17, 2006, by virtue of the chain of title from the inventors to the current assignee as shown below:

An assignment from the inventors Weol Dong Cho and Peng Fan, to Assignee,
 University of Utah, which was recorded at Reel/Frame 022632/0145 in the

Application No. : 10

10/568.845

Filing Date

February 17, 2006

Assignment Division of the United States Patent and Trademark Office on May 4, 2009.

An assignment from the University of Utah to Assignee, University of Utah
Research Foundation, which was recorded at Reel/Frame 022632/0210 in the
Assignment Division of the United States Patent and Trademark Office on May 4,

2009.

The undersigned has reviewed all the documents in the chain of title of the patent identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or patent issuing therefrom.

Dated: - vw 5 ___, 2009

John C. Stringham, Reg. No. 40,831 Attorney of Record

Customer No. 022913

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